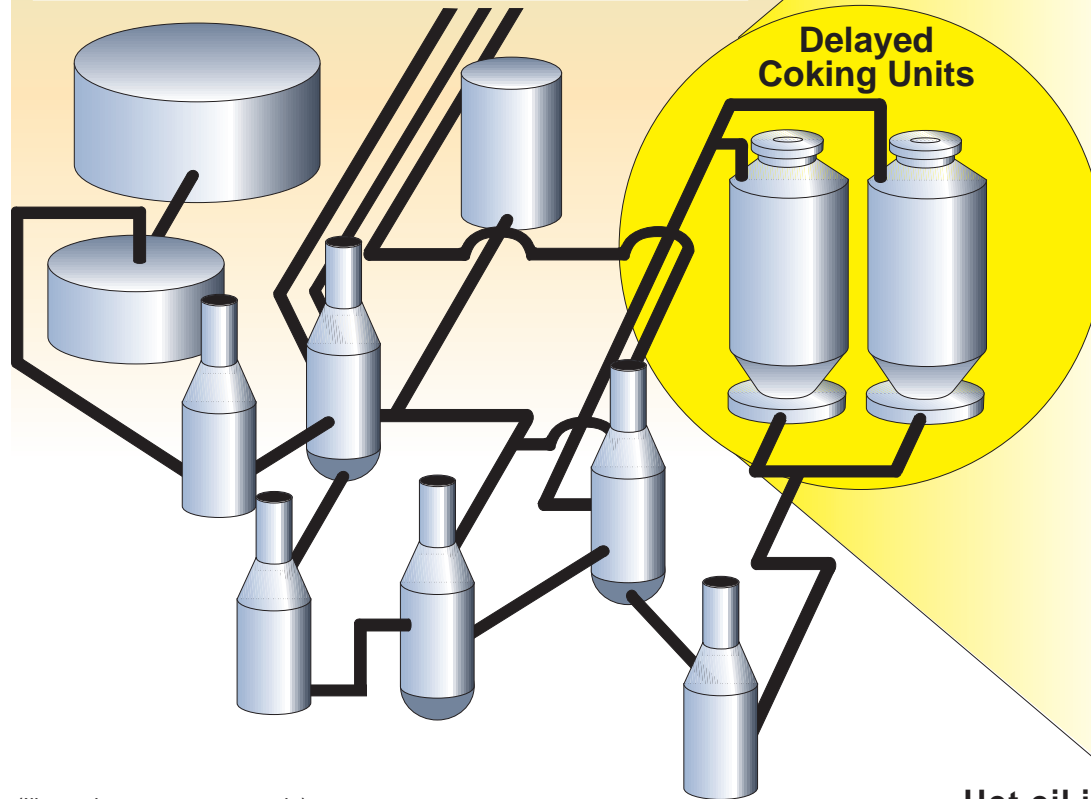


Crude Oil Refinery

- Heavy oil is heated in a 15-hour cycle to extract more fuel.
- Oil is pumped into one of two furnaces at temperatures above 900 degrees Fahrenheit, at speeds up to 150 mph through an inlet at the bottom.
- Heat 'cracks' the oil molecules, producing vapors that push through an overhead vapor outlet.
- After 15 hours, the second drum is switched over to begin filling. The first drum is injected with steam and water in a cooling process.



(Illustration not to exact scale)

DELAYED COKING UNIT

